

Multiplying Decimals by 10, 100 and 1000

Part 1. Multiplying by 10, 100 & 1000,

Write down the answers to each of the sums below.

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|---|---------------------|---------------------|----------------------|-----------------------|
| 1 | a. 7×10 | b. 9×100 | c. 34×1000 | d. 100×400 |
| 2 | a. 19×100 | b. 10×123 | c. 1000×9 | d. 232×10 |
| 3 | a. 78×100 | b. 16×1000 | c. 1230×100 | d. 909×10 |
| 4 | a. 99×1000 | b. 200×10 | c. 980×100 | d. 1010×1000 |

Part 2. Decimals

Write down the answers to each of the sums below.

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|---|----------------------|-----------------------|------------------------|----------------------|
| 1 | a. 1.9×10 | b. 3.1×10 | c. 1.8×100 | d. 10×7.4 |
| 2 | a. 9.9×100 | b. 100×1.3 | c. 1000×3.1 | d. 12.1×10 |
| 3 | a. 10.1×100 | b. 15.7×1000 | c. 8.7×100 | d. 100×11.1 |
| 4 | a. 0.5×10 | b. 0.9×100 | c. 656.7×1000 | d. 0.4×1000 |

Part 3. Two Decimal places

Write down the answers to each of the sums below.

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|---|-----------------------|-----------------------|-----------------------|-------------------------|
| 1 | a. 4.02×10 | b. 2.87×1000 | c. 2.22×100 | d. 10×7.89 |
| 2 | a. 19.19×100 | b. 1000×0.23 | c. 1000×1.11 | d. 1.04×100 |
| 3 | a. 2.89×10 | b. 1.06×10 | c. 0.06×100 | d. 0.02×1000 |
| 4 | a. 7.07×1000 | b. 97.05×10 | c. 2.01×100 | d. 1000.01×100 |

Part 4. Mixed Questions

Write down the answers to each of the sums below.

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|---|-----------------------|----------------------|----------------------|------------------------|
| 1 | a. 0.9×10 | b. 83.1×10 | c. 19.1×10 | d. 10×83.92 |
| 2 | a. 17×100 | b. 100×0.02 | c. 10×0.02 | d. 1.4×100 |
| 3 | a. 0.07×1000 | b. 1.5×1000 | c. 33×1000 | d. 0.05×1000 |
| 4 | a. 11.2×10 | b. 3.02×100 | c. 2.02×100 | d. 0.001×1000 |